



The
Ohio Chapter
American
Academy of
Orthotists and
Prosthetists

2005 Annual
Spring Technical
Meeting



The Ohio Chapter-AAOP 2005 Annual Spring Technical Meeting

May 7, 2005
Hilton Hotel—Columbus

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- 8:00 – 8:45 Registration and Exhibit Hall
- 8:45 – 9:00 Opening Remarks
Jonathan M. Naft, C.Ped, BOC-O, CP, Ohio Chapter— AAOP President
Geauga Rehabilitation Engineering, Inc. — Chardon, OH
- 9:00 – 9:45 The Future of O&P
Paul Prusakowski, CPO, LPO, FAAOP
O&P Digital Technologies — Gainesville, FL
- 9:45 – 10:15 Impression-taking Using The Insignia Laser System
Mark Ashford, CPO
Hanger Prosthetics and Orthotics — Ft. Worth, TX
- 10:15 – 10:45 Break/Exhibits
- 10:45 – 11:20 Spinal CAD/CAM: A Practitioner's Perspective
Frank Friddle, CPO
Friddle's Orthopedic Appliances — Honea Path, SC
- 11:25 – 11:45 CAD/CAM Technology in Pedorthics
Steven Brill, CO
Bioworks, Inc. — Cincinnati, OH
- 11:45 – 12:00 CAD Technology Panel Discussion
*Mark Ashford, CPO, Frank Friddle, CPO, Steve Brill, CO
(Jon Naft, C.Ped, BOC-O, CP moderating)*
- 12:00 – 1:15 Lunch and Exhibits

Prosthetic Break-out Sessions

- 1:15 – 1:45 Socket Modification Techniques Using ETS CAD
Joel Kempfer, CP, FAAOP
Kemfer Prosthetics/Orthotics, Inc. — Greenfield, WI
- 1:45 – 2:15 Socket Modification Techniques Using Omega
Jeff Denune, LP
Ohio Willow Wood — Galloway, OH
- 2:15 – 2:45 Case Studies Utilizing the RHEO Knee
TBA
- 2:45 – 3:00 Break
- 3:00 – 3:40 Suction Socket Design Using Seal In Liner
John Brandt, CP
OrPro Prosthetics & Orthotics, Inc. — Dayton, OH
- 3:40 – 4:15 New Applications for Carvers Using CAD
Larry Lange, CPO
Prosthetic Design, Inc. — Scottsdale, AZ
- 4:15 – 5:00 Gait Analysis Demonstration Using TEKSCAN
Bruce Williams, DPM
Merrillville, IN

<i>Orthotic Break-out Sessions</i>	1:15 – 1:45	Gait Analysis Demonstration Using TEKSCAN Bruce Williams, Dpm <i>Merrillville, IN</i>
	1:45 – 2:15	Halo Applications Larry Lange, CPO <i>Prosthetic Design, Inc. — Scottsdale, AZ</i>
	2:15 – 2:45	CAD/CAM Use in Spinal Orthotics Frank Friddle, CPO <i>Friddle's Orthopedic Appliances — Honea Path, SC</i>
	2:45 – 3:00	Break
	3:00 – 3:40	Neuromuscular Pediatric Orthotics — A Family of Treatment Options Rich Gaudio, CO <i>Orthotic & Prosthetic Specialties, Inc. — Euclid, OH</i>
	3:40 – 4:15	Carbon Fiber AFOs Amy Yates, CPO <i>OrPro Prosthetics & Orthotics, Inc. — Dayton, OH</i>
	4:15 – 5:00	Selection Criteria for Stance control KAFO's Jon Naft, CPO <i>Geauga Rehabilitation Engineering, Inc. — Chardon, OH</i>

<i>Pedorthic Break-out Sessions</i>	1:15 – 1:45	Materials Selection and Direct Molding Techniques Ross Marty, C.Ped, BOC-O <i>ACOR Orthopaedic, Inc. — Cleveland, OH</i>
	1:45 – 2:15	Posterior Tibial Tendonitis Management TBA
	2:15 – 2:45	Cast Modifications for Custom FO's Kathy Kinsey, C.Ped <i>Foot Logic, Inc — Uniontown, OH</i>
	2:45 – 3:00	Break
	3:00 – 3:40	Pedorthic Management of the Diabetic Charcot Foot Michael Maierson, CPO <i>Geauga Rehabilitation Engineering — Chardon, OH</i>
	3:40 – 4:15	CAD Applications in Pedorthics Reggie Swickard, C.Ped, <i>Foot Focus — Dayton, OH</i>
	4:15 – 5:00	Benefits of Biomechanical Control in Athletic Shoes Bruce Bumgartner, C.Ped, MS <i>Aetrex Worldwide, Inc. — Teaneck, NJ</i>

<i>Technical Break-out Sessions</i>	1:15 – 1:45	New Glue Techniques — The REAL Techniques to Gluing Heinz Buchholz <i>Renia GmbH — Cologne, Germany</i>
	1:45 – 2:15	Laminated Frame Fabrication Phil McGrath, RTO <i>Otto Bock Fabrication Center, Centerville, OH</i>
	2:15 – 2:45	Neuromuscular Pediatric Orthotics — Modification and Fabrication Techniques Eon Osborn, RTO <i>Orthotic & Prosthetic Specialties, Inc. — Euclid, OH</i>
	2:45 – 3:00	Break
	3:00 – 4:00	Toxins and Safety in the Lab (OSHA) Scott Fiel <i>OSHA — Columbus, OH</i>
	3:40 – 4:15	Proper Alignment Technique for Knees Kyle Underwood <i>Hanger Prosthetics & Orthotics, Inc. — Norton, OH</i>
	4:15 – 5:00	Tech Tips to C.R.O.W. About Aaron J. Kent, C.Ped. <i>Hanger/ABI Orthotic & Prosthetic Labs, Ltd. — Boardman, OH</i>

Program

The Future of O&P

Paul Prusakowski, CPO, LPO, FAAOP
O&P Digital Technologies — Gainesville, FL

Description

The Orthotics and prosthetics profession is continually changing. Internal factors and external forces that may be beyond our control are continually shaping the future of O&P. As a profession we must collectively take the responsibility of defining ourselves and our future through cooperation, legislation, and most importantly education.

Biography

Paul E. Prusakowski, CPO, LPO, FAAOP, practices at his independent clinical facility in Gainesville, Florida. He is founder and moderator of the O&P listserv, President of O&P Digital Technologies which develops *oandp.com* and OPIE practice management software, President of the Florida Association of Orthotists and Prosthetists, and President-Elect of the American Academy of Orthotists and Prosthetists.

Impression Taking Using the Insignia Laser System

Mark Ashford, CPO
Hanger Prosthetics and Orthotics — Ft. Worth, TX

Description

Mark Ashford will review the use of the Insignia CAD system and demonstrate its use by scanning a model of a residual limb, a head, and a foot. He will discuss a few advantages and disadvantages of using CAD systems over hand casts that relate to practitioners and their daily practice.

Biography

Mark Ashford is a 1984 graduate of the University of Texas Prosthetics and Orthotics Program and has worked in the Dallas/Fort Worth area for over 26 years. He has been an ABC examiner for prosthetics since 1989 and is an avid golfer.

Spinal CAD/CAM: A Practitioners Perspective

Frank Friddle, CO, President
Friddle's Orthopedic Appliances — Honea Path, SC

Description

This presentation will deal with Frank Friddle's personal use of CAD/CAM with spinal orthotics. Modification tools, data capture and template development will be demonstrated. Scoliosis orthosis, both conventional TLSO, CTLSO and nocturnal bending orthosis will be discussed on a detail level. Custom-to-Measurements vs. Custom-to-Cast spinal orthosis will also be discussed.

Biography

Frank E. Friddle Jr., CO, FAAOP, is the owner and president of Friddle's Orthopedic Appliances Inc. located in Honea Path, South Carolina. He represents the fourth generation in his family in the profession of Orthotics and Prosthetics. He holds graduate credentials from Clemson University and a certificate in Orthotics from Northwestern University. He has served as President of the South Carolina Society of Orthotists and Prosthetists, AOPA Region C and The American Board for Certification. He has presented many lectures on state, regional and national levels. Frank resides in Honea Path, South Carolina with his wife Sandra and his youngest daughter Rebecca. His oldest daughter, Rachel is completing her certificate programs at Northwestern University and will soon become the fifth generation practitioner from this family.

CAD/CAM Technology in Pedorthics

Steven Brill, CO, Vice President/Clinical Manager
Bioworks, Inc. — Cincinnati, OH

Description

This presentation will cover a variety of CAD/CAM systems used in the manufacture of Custom Foot Orthotics. It will compare and contrast these different systems. This presentation will also consider the advantages and disadvantages of CAD/CAM technologies versus more conventional methods of fabrication.

Biography

Steve Brill, C.O. is Vice President and Clinical Manager of Bioworks, Inc. He received his Baccalaureate degree from Purdue University and his Masters degree from Xavier University. He received his Orthotic Certification from Northwestern University and was certified in Orthotics in 1997. He uses two different CAD/CAM systems to produce the majority of Biowork's Custom Foot Orthotics.

Socket Modification Techniques Using ETS CAD

Joel Kempfer, CP, FAAOP
Kempfer Prosthetics/Orthotics, Inc.
— *Greenfield, WI*

Description

Joel Kempfer will demonstrate the impression-taking technique and socket rectification tools using this CAD CAM system. He will also discuss the advantages, and disadvantages of using this system in his everyday practice.

Biography

Joel Kempfer is Immediate Past President, Midwest Chapter AAOP, and Past President, O&P Assistance Fund. He is also an examiner for the American Board for Certification in Orthotics and Prosthetics Inc. Kempfer is also a member of AAOP's O&P Awareness Committee, AAOP's Membership Committee, and O&P Almanac's Advisory Group He was certified by ABC in Prosthetics 1989, and is a graduate of Century College (formerly 916 AVTI) Prosthetic Practitioner Certificate Program.

Socket Modification Techniques Using Omega

Jeff Denune, LP
Ohio Willow Wood — Galloway, OH

Description

Jeff Denune's presentation will focus on clinical applications using OMEGA technology which will include: proper capture, creation of Alpha DESIGN liners, and modification of images for diagnostic socket fitting. He will provide a detailed explanation of OMEGA, and new version 7 software, with an overview of the advanced capabilities now available. He will demonstrate the different capture techniques using T-Ring II and interfaces available to create the best image. Jeff will also give an explanation of the easy-to-use *Wizards* that are offered with OMEGA. Finally, Jeff will outline how to store and access patient files quickly as well as compare files for physical change. Denune has been using CAD on a daily basis in a clinical environment since 1996. Over the past seven months, he has worked closely with his colleagues at Ohio Willow Wood to develop a system that creates consistency and accuracy for today's Clinicians.

Biography

Denune began in the O & P profession in 1986 at American O & P Lab Inc. located in Columbus Ohio. He earned his ABC/RTP While working as a technician. He relocated to Southern California in 1990 when he took a position as lab manager and Practitioner Assistant at Beverly Hills Prosthetics. He returned to Central Ohio as a Practitioner Assistant in 1994 at American Orthopedics. He earned his BOC Credentials in prosthetics in 1996, became licensed in Ohio and was awarded his ABC/CP Certification. He is a graduate of Columbus State Community College with and Associate of Science degree. His practice focus has been lower extremity prosthetics and CAD/CAM. He Joined the Ohio Willow Wood company in Nov. of 2004 as an Educational Prosthetics. He is involved in R&D of traditional and CAD products, while assisting engineering with new product and service development.

Case Studies Utilizing the RHEO Knee

Tom Martin, CPO, President
Anderson Prosthetics & Orthotics — Anderson, SC

Description

This seminar will utilize a mix of multimedia presentation and video to provide the attendees with a practical knowledge of Rheo Knee Capabilities, user selection, and performance optimization. Application and adjustment of Rheo Knee will be demonstrated with the use of the PDA

handheld computer in conjunction with the Rheo Logic software. Settings appropriate for varied terrain and user profiles will be demonstrated. Rheo Knee maintenance, warranty, service, and billing will also be discussed.

Biography

Tom Martin, CPO is the owner of Anderson Prosthetics & Orthotics where he concentrates on prosthetics and pediatric orthotics. He received his BA degree from Furman University. He is a graduate of Florida International University where he received his Bachelor of Science degree. Tom competes in amputee track and field, winning the Bronze medal at the World Championship in 1998 and is the current world record holder for the half-marathon.

Suction Socket Design Using Seal In Liner

John Brandt, CPO, LPO
OrPro Prosthetics & Orthotics, Inc. — Dayton, OH

Description

This session will discuss clinical fittings of the “Ossur” transfemoral seal-in liners. Brandt will be discussing measuring and fitting the liners as well as evaluation of the test socket fittings and socket fabrication. Brandt will also review the fitting of the seal-in liners on below-knee amputees. He will talk about the pros and cons of the system based on his clinical experience.

Biography

John Brandt has worked as a staff practitioner with OrPro Prosthetics & Orthotics for the past 15-years. He has received several certifications (Harmony; C-Leg, MyoBock — Otto Bock; Above Elbow Systems — Utah Myoelectric; Advanced Prosthetics Componentry — DAW Industries; Iceross Silicon Socket Systems for Prosthetics — Cascade Orthopedic Supply, Inc.; and the Providence Course—Spinal Technology). Brandt also attended Northwestern’s Prosthetic Program and received his BA in biology from Wright State University.

New Applications for Carvers Using CAD

Larry Lange, CPO, FAAOP, General Manager
Prosthetic Design, Inc. — Scottsdale, AZ

Description

Practitioners are much more aware of the software programs that are available to them when it comes to capturing and modifying a residual limb shape than they

are with regard to the machines that are used to complete the finished socket on the manufacturing end. This presentation will discuss the manufacturing process and compare and contrast some basic systems available.

Biography

Larry Lange is currently the General Manager of Prosthetic Design, Inc. a central fabrication business, as well as a manufacturer of lower limb prosthetic componentry and machines for use in computer assisted fabrication of orthoses and prostheses.

Lange is also an ABC examiner, past president of both the Pennsylvania and Arizona state chapters of the AAOP, and has given a number of presentations on a variety of subjects in O&P including partial foot prosthetics, CAD CAM, and myoelectrics. He has been published in several O&P journals and has written a chapter on partial foot prosthetics for a textbook.

Gait Analysis Demonstration Using TEKSCAN

Bruce Williams, D.P.M.
Merrillville, IN

Description

Dr. Bruce Williams’ session explain and demonstrate how to interpret in-shoe pressure data to improve custom foot orthotics function and bring symmetry to foot function, utilizing a simple four step program. Once done, the attendees will be able to interpret in-shoe pressure data and identify limb length differences, functional hallux limitus, and when to varus or valgus post an orthotic device. The attendees will also be able to show objective data with improvements in multiple tests with a temporary or permanent custom foot orthotic device.

Biography

Dr. Bruce Williams Received his D.P.M degree in 1991 from the Dr. William M. Scholl College of Podiatric Medicine, where he also received his BS in Biology. He has been in practice since 1992, following his father’s footsteps in Podiatry and practicing with him for five years. After his father’s retirement in 1996, Dr. Williams went on to become the sole owner of Ambulatory Foot Care, Inc.

Dr. Williams is very involved with his community as well as education systems. He has run in the last five consecutive Chicago Marathons, raising over \$400,000 for his hometown charity. Dr. Williams works as a sports podiatrist with Valparaiso University, his local university and alma mater. He is also on the education committee of the American Academy of Podiatric Sports Medicine. Dr. Williams is board certified in Podiatric surgery, and a fellow of the AAPSM.

Dr. Williams has contributed to several podiatric publications on gait analysis, back pain, and how to choose an orthotic lab. He hopes to become published in the next year in a peer reviewed journal and hopes to receive grants for studying the effects of Sagittal plane affected custom foot orthotics. Dr. Williams also lectures on gait analysis”

Gait Analysis Using TEKSCAN

Bruce Williams, D.P.M.
Merrillville, IN

Description

Seminar Objectives: Demonstration on how to interpret in-shoe pressure data to improve custom foot orthotics function and bring symmetry to foot function

This workshop will explain how to interpret in-shoe pressure data, utilizing a simple four step program. Once done, the attendees will be able to interpret in-shoe pressure data and identify limb length differences, functional hallux limitus, and when to varus or valgus post an orthotic device. The attendees will also be able to show objective data with improvements in multiple tests with a temporary or permanent custom foot orthotic device.

Biography

(see above)

Halo Applications and Follow-up Care

Larry Lange, CPO, FAAOP, General Manager
Prosthetic Design, Inc. — Scottsdale, AZ

Description

HALO applications are the only invasive treatment that we as orthotists are allowed to participate in. Given the severity of the patient injury and the potential for both good and bad outcomes, it is important to observe protocols and learn the mechanics of the cervical spine in order to insure a successful treatment regimen.

Biography

(see above)

CAD/CAM Use in Spinal Orthotics

Frank Friddle, CO, President
Friddle's Orthopedic Appliances — Honea Path, SC

Description

This lecture will give a brief overview of the most common suppliers of CAD/CAM technology. The history

of Spinal CAD/CAM, the current trends and the basic modification tools of all systems will be discussed. Economic advantages of both in-house and C-Fab uses as well as data capture will be presented. The most current technology as well as the future of CAD/CAM in this specific discipline will be demonstrated.

Biography

(see above)

Neuromuscular Pediatric Orthotics— A Family of Treatment Options

Rich Gaudio, CO, President
Orthotic & Prosthetic Specialties, Inc.
— Euclid, OH

Description

In the past 25 years, a related group of orthosis and orthotic viewpoints have evolved to deal with the particular needs of pediatric patients with neuromuscular disorders. Referred to variously as dynamic, tone-inhibitive, total control, volume-critical, and others, this family of orthoses is designed to fit intimately, provide alignment and stability, and to improve neurologic proprioception. By doing so, significant improvements can be made in gait efficiency and cosmesis, while maintaining or improving range of motion and preventing deformities.

This presentation will focus on several of the many treatment options that fall into this category. Case studies will be used to demonstrate prescription criteria, casting techniques, mold modification principles and functional evaluation.

Biography

Rich Gaudio has a B.S. from the University of Tampa, and has spent all of his years of experience in O and P at Orthotic & Prosthetic Specialties, Inc. in Euclid, Ohio, where he co-founded the company 31 years ago and currently serves as President. As both an experienced technician and practitioner, he has obtained wide-ranging knowledge in all areas of Orthotics with specific sub-specialties in pediatrics, scoliosis, and adult muscular disease. He is a regular member of various multi-disciplinary clinics and treatment teams in northeast Ohio.

Carbon Fiber AFO's

Amy Yates, CPO

OrPro Prosthetics & Orthotics, Inc. — Dayton, OH

Description

This session will provide a comprehensive look at prefabricated carbon fiber AFO's. Amy Yates will discuss pro and cons of use of the various styles available on the market, indications for use within the orthotic population, and benefits versus custom fit thermoplastic AFO's. In addition, she will provide a practitioners perspective of the use of these types of AFO's.

Biography

Amy V. Yates, C.P.O. began her orthotic and prosthetic career as a technician while in college. Receiving her certification in prosthetics in 1992 and in orthotics in 1995, she has long been a proponent of the American Board for Certification. Becoming involved as an examiner in 1997, she has been a member of the Prosthetic CPM Exam Team for the past 5 years. Amy has always felt it is important to educate other members of the healthcare field and has been a guest lecturer at several physical therapy programs here in the state of Ohio. She is currently employed by OrPro Prosthetics and Orthotics in their Piqua, Ohio location.

Selection Criteria for Stance Control KAFO's

Jonathan M. Naft, C.P.O.

*Geauga Rehabilitation Engineering, Inc.
— Chardon, OH*

Description

This session will review the current stance control orthoses that are now available for patient care. Indications and contra-indications will be discussed for different patient types including CVA, Polio, spinal cord injury, and femoral nerve injury. Gait training methods will be discussed that are helpful for training new patients including proper locking/unlocking techniques

Biography

Jonathan Naft is a graduate of The Ohio State University College of Engineering. He then graduated from Northwestern University's Prosthetic-Orthotic Center.

Mr. Naft is an examiner for the ABC certification exam and is the current President of the Ohio Chapter of the American Academy of Orthotists and Prosthetists. He

has been a volunteer practitioner for the Paralympic games in Atlanta and Salt Lake City. Mr. Naft is a member of the national AOPA Coding Committee, and has been an invited speaker at several national prosthetic and orthotic conferences.

Jonathan is in private practice at Geauga Rehabilitation Engineering (GRE). At GRE, Jonathan divides his time between patient care and R&D.

Materials Selection and Direct Molding Techniques

Ross Marty, C.Ped, BOC-O, Director of Clinical Education

ACOR Orthopaedic, Inc. — Cleveland, OH

Description

Over the years many different companies have developed new materials and top covers. This presentation will discuss some of these materials, and go over some of the possible applications. Also we will go over different Techniques of molding materials for foot orthotics. The goals and learning objectives include a discussion of the properties and uses of these materials, as well as research outcomes and clinical data. The attendee will learn the medical benefits of these materials, the properties of silver, and different techniques of heat molding.

Biography

Ross Marty is an American Board for Certification in Orthotics and Prosthetics Orthotist, Certified Pedorthist, Orthopaedic Shoe Technician and is Director of Clinical Education for Acor Orthopaedic. Ross is an Experienced Instructor, with over 19 years of Pedorthic and Orthotic experience. He has conducted seminars throughout North America and is on staff at several Universities as a Pedorthic instructor.

Posterior Tibial Tendonitis Management

(To Be Named)

Cast Modifications for Custom FO's

Kathy Kinsey, President

FootLogic, Inc — Uniontown, OH

Description

In this session, Kathy Kinsey will discuss: 1) foam impression versus a plaster slipper impression; 2) The importance of taking a good negative impression; 3) How to prepare your negative impression before creating a

positive plaster impression; 4) Three common but often mismanaged diagnosis — a) Morton's Neuroma; b) Post Tibial Tendonitis; and c) Plantar Fasciitis; and, 5) Knowing your materials and which one's to use to create the correct orthoses for your patient.

Biography

Kathleen J. Kinsey, President of Foot Logic, Inc., Central Fabrication and Custom Products since 1997. Our company currently handles central fabrication work from approximately (50) or more individual companies and/or their private offices.

Kinsey worked for eleven years at Yanke Bionics, Inc. of Akron, Ohio as an R.T.O.P. and Pedorthist. While at Yanke Bionics, Inc., she trained under the instruction of Mark J. Yanke, former instructor at Northwestern University. While employed at Yanke Bionics, Inc., Kinsey worked closely with Roger Marzano and Dr. Ian Alexander for three years in patient care and the creation of foot orthoses designs that would effectively serve each individual patient on a case/diagnosis basis.

Pedorthic Management of the Diabetic Charcot Foot

Michael Maierson, CPO
Geauga Rehabilitation Engineering
— Chardon, OH

Description

This presentation will review diabetic Charcot arthropathy, and provide pedorthic management options

Biography

Michael Maierson graduated from the University of Washington in 1991 with a B.S. in Prosthetics and Orthotics. Following graduation he completed an orthotics residency at the Cleveland Clinic. After his residency, and certification, he worked as a staff orthotist until 1998. Michael then joined the staff at Geauga Rehabilitation Engineering, where he completed his certification as a C.P.O.

CAD Applications in Pedorthics

Reggie Swickard, C.Ped, L.Ped
Foot Focus — Dayton, OH

Description

The basic focus for this talk will be to inform Pedorthists about CAD (computer-aided design) CAM (computer-aided manufacturing) foot orthoses — when it is useful, what foot type works well and which don't. Reggie Swickard will also discuss how CAD/CAM can help

control costs with insurance reimbursement and self-pay clients. Is CAD right for your practice? Do you want CAD and not CAM? Or is CAM as important to you?

Biography

Reggie Swickard has 14 years experience in Pedorthics starting as a technician at OrPro LaForsch training in orthotics, prosthetics in 1997 while working for Fidelity Orthopedic. She feels fortunate in that she learned from Carrie Melton, R.T.P.A., C.Ped. L.Ped, BOC Prosthetist. The second was to participate in the team approach at Miami Valley Hospital's Diabetic Foot and Ankle Clinic for two years. In 2002, at Fidelity, the decision was made to stop doing pedorthics and concentrate on prosthetics and orthotics. At this point, she created Foot Focus with her business partner, Richard Jones.

Benefits of Biomechanical Control in Athletic Shoes

Bruce Baumgartner, C.Ped, MS
Aetrex Worldwide, Inc. — Teaneck, NJ

Description

Bruce Baumgartner will discuss how to maintain proper biomechanical control while allowing the sports active patient the comfort level they deserve. Various sports activities and the specific movement involved will be covered in relation to choosing the proper athletic footwear and orthotic inserts. Common sports injuries and treatment modalities will also be discussed.

Biography

Mr. Baumgartner has been with Apex Foot Health Industries since 1993. During his tenure, he has served Apex in many capacities, first as Custom Foot Orthotic Manager and then as manager of Customer Service. Recently, he reached a new level as Service and Education Manager, where he has the opportunity to meld his extensive product and its patient care applications knowledge with his teaching experience.

He received his C.Ped certification after completing the foot care program at the New York College of Podiatric Medicine in cooperation with Eneslow Pedorthic Institute. His career in foot health began as the general manager of Levy Rappel, the custom foot orthotic manufacturer.

New Glue Techniques— The REAL Techniques to Gluing

Heinz Buchholz, President
Renia GmbH — Cologne, GE

Description

For 75 years, Renia-Germany is specialized in developing and producing adhesives for shoes and related industry like O&P.

The identification of PUR, EVA, TR, for shoe modifications as well as PP, PE, and the different foams and sheets for the O&P-industry is the most important step for a safe bonding.

With Renia-Colle de Cologne Multi-Purpose for shoe-modification and Renia – Ortec Contac Cement for all other typical materials in the O&P industry there is a simple but safe solution in the lab.

Special formulated adhesives with reduced allergens and without toluene or MEK with a clear adhesive-film and a nearly invisible gluing-line have no bad influence to the therapy (Diabetes).

Biography

In 1970 Heinz Buchholz attended business school, which was followed by a study of chemistry at the University of Cologne-Germany (Diplom-Chemiker) in 1972. Then, in 1980 he worked as a Chemist in the laboratory and production-manager of Renia. In 1990, he became President of Renia GmbH.

In 1985 Buchholz provided seminars and lessons at different Master-Schools and Universities for C-Peds, O&P, Engeniers in Germany, Austria, Switzerland, Belgium Netherlands, Norway, England, Italy, Spain, Poland, Denmark, Japan, Hong Kong, USA, Canada.

Laminated Frame Fabrication

Phil McGrath, RTO
Otto Bock Fabrication Center — Centerville, OH

Description

This session will address the very broad and innovative styles of the Trans-Femoral flexible socket and laminated frame.

Icelandic-Swedish-New York prosthesis, better known as the ISNY socket will be the topic of discussion. These two structures consist each of its own functions: A flexible inner socket, which may vary in materials from facility to facility, and the supporting frame, which is a carbon reinforced lamination contained within a medial and lateral strut, distal cup and proximal brim. The ISNY system provides enhanced comfort, while reducing socket weight. This system also allows for an amputees muscular contraction during ambulation. This process may also vary from other fabrication processes.

Biography

Phil McGrath's past education at median school of Allied Health provided him a solid foundation in the anatomy of the human body. He has had four experiences with different O&P practices enabling him to explore a variety of views and methods of fabrication. His experiences include exoskeletal, endoskeletal BK and AK fabrication from start to finish. Others experiences include hip, upper extremities and just about any type of orthotic fabrication devices.

Neuromuscular Pediatric Orthotics— Modification and Fabrication Techniques

Eon Osborn, RTO
Orthotic & Prosthetic Specialties, Inc.
— Euclid, OH

Description

Fabricating effective, well-fitting, easy-to-apply, and cosmetically appealing orthosis for pediatric patients can present many challenges. The family of orthosis developed in the last 25 years and referred to variously as dynamic, total control, or tone-inhibitive includes a number of proprietary systems as well as those individual design variations produced in smaller independent labs. All of these orthosis require that some degree of specific modification principles and fabrication techniques be applied to achieve good results. In this presentation, Eon Osborn will describe and discuss the methods used to successfully produce some examples of this type of pediatric orthosis.

Biography

Eon Osborn, RTO, is currently employed by Orthotic & Prosthetic Specialties, Inc. of Euclid, Ohio. He has 14 years of general experience in orthotics and prosthetics from several facilities in both Colorado and Ohio. Eon has specific expertise in the fabrication of lower extremity pediatric orthosis for patients with Cerebral Palsy, Spina Bifida, and other neuromuscular conditions. In earning his ABC continuing education requirements he has attended various pediatric-oriented programs including the Nancy Hylton course in Dynamic Orthotics.

Toxins and Safety in the Lab (OSHA)

Scott Feil, Industrial Hygienist
OSHA — Columbus, OH

Description

This session will review OSHA standard 1910.1450 regarding compliance issues. Through information

provided by the association. Fiel's presentation will target the various chemicals used in the O&P industry.

Biography

Scott Feil has served as a Federal Compliance officer since Feb. 1990. He conducts field investigations with areas of expertise in industrial hygiene, ergonomics, process system safety, electrical safety and general machine guarding. He also performs primarily targeted comprehensive inspections focusing on potential injury or illness causing conditions in the workplace and addressing programmatic solutions. Feil is routinely a Voluntary Protection Program evaluation team member, and was a core member during "OSHA Redesign" during the Clinton administration. Scott worked in research and development prior to joining the agency.

Proper Alignment Technique for Knees

David Nelson, LCPO, FAAOP, OTR
Hanger Prosthetics and Orthotics
 — *New Albany, OH*

Description

Is my knee going to buckle on me?" This is a common concern of people who are walking on prosthetic knees. Knowledge of the prosthetic knee center and its relationship to the TA and load line is critical to patient safety and proper alignment. Proper location of the knee in the Sagittal, frontal, and transverse planes will be reviewed. Is there a TKA line? You will know after attending this session.

Biography

Dave received his B.S. in Occupational Therapy at UND and continued his education at UCLA in Prosthetics and Orthotics. Dave has been a practitioner with Hanger P&O since 1976; prior to that he practiced at the University Medical Center at Grand Forks, ND. In 1998 - 2003 he served as an Ohio Medicaid P&O consultant; and OOPA president in 1988 & 2000. Being a Hanger Market Leader from 2000 - 2004 enabled him to work with people in 40 patient care centers in OH/MI and IN. Currently Dave is practicing at Gahanna, Marion and Columbus offices and assists with patient evaluation clinics of Hanger P&O.

Tech Tips to C.R.O.W. About

Aaron J. Kent, C.O, C.Ped.
Hanger/ABI Orthotic & Prosthetic
 — *Boardman, OH*

Description

This presentation will give a brief history and clinical description of the Charot Join. We will also discuss the clinical reasons why a C.R.O.W. walker is used to stabilize Charcot Joints and heal plantar foot ulcers.

We will then enter into an informal conversation on the fabrication process of a C.R.O.W. walker, with material suggestions, and tech tips to help fabricate an orthosis that will be more efficient for the practitioner to fit and the patient to use.

Biography

Aaron Kent has worked as a staff orthotist and pedorthist at Hanger/ABI since 1989. Prior to that, he worked with the wound clinic team as a pedorthist at the Forum Health Wound Care Clinic in Youngstown, Ohio (from 1996-2001). Kent is a cofounder/director of PMG Custom footwear where he worked from 1994-98. Kent entered the field of O&P in 1979, and was certified in pedorthics in 1984. He became certified in Orthotics in 2000. He has also presented at Ohio meetings and nationally at AAOP.

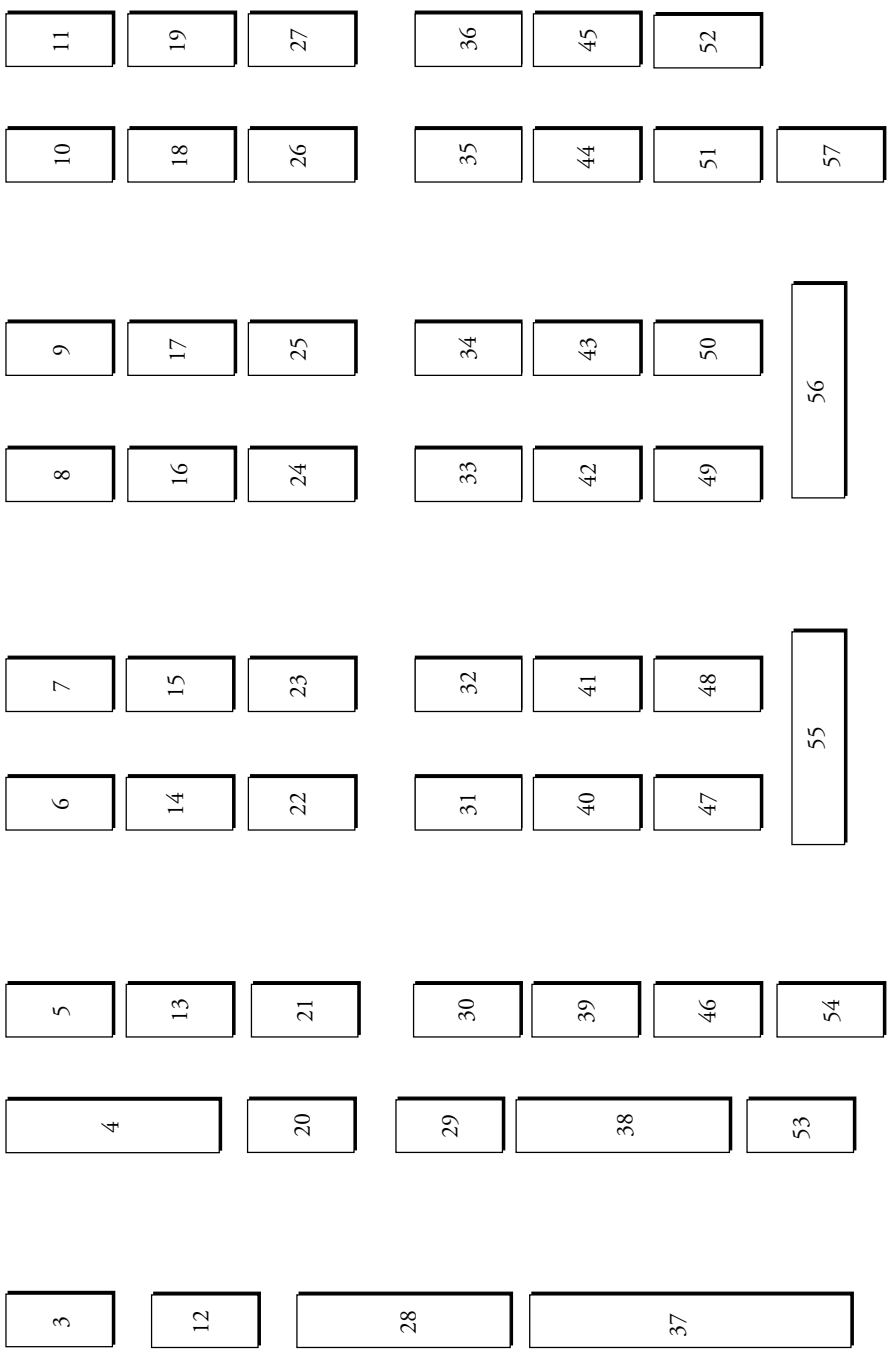


Easton Grand Ballroom (B, C, D, E)

2

Break Station

1



59

Break Station

58

Ohio Chapter — AAOP 2005 Annual Spring Technical Meeting

Exhibitors

Exhibitors (by table number)

1	M.A.S.S., Inc.
2	Advanced O&P Solutions
3	Coyote Designs
4	Otto Bock Health Care
5	Prosthetic Design, Inc. (PDI)
6	College Park Industries, Inc.
7	Endolite North America, Ltd.
8	Fridde's Orthopedic Appliances, Inc.
9	ÖSSUR
10	Freedom Innovations, Inc.
11	Orthopedic Products Sales
12	Keeping Pace, Inc.
13	O & P Enterprises, Inc.
14	Professional Products, Inc.
15	TEKSCAN, INC.
16	DAW Industries, Inc.
17	ACOR - Sole Defense
18	Orthomerica Products, Inc.
19	BSN Medical, Inc.
20	Restorative Care of America, Inc.
21	Cailor Fleming & Associates, Inc.
22	Jim Smith Sales, Inc.
23	Aetrex Worldwide, Inc.
24	TiMed, Inc.
25	Amputee Coalition of America
26	Silipos, Inc.
27	Comfort Products, Inc.
28	OPTEC, Inc.
29	OSTEO Solutions, LLC
30	Townsend Design/DeGroff Orthopedic Supplies
31	The Fillauer Companies, Inc.
32	CAMP Healthcare
33	Royal Knit, Inc.
34	Knit-Rite, Inc.
35	Elite Orthotics, Inc.
36	Custom Composite Mfg. Co.
37	Pel Supply Company
38	Anatomical Concepts, Inc.
39	MEDI USA, LP
40	WBC Industries Inc.
41	Runlite USA, LLC
42	ALPS South Corporation
43	Aircast, LLC.
44	HOPE Orthopedic
45	Engineered Silicone Products
46	OTS Corporation
47	Spinal Solutions, Inc.
48	Futura International, Inc.
49	UCO International
50	Comfort Rite/Sequoia
51	Spinal Technology, Inc.
52	Bionix Prosthetic Solutions
53	Freeman Manufacturing Company
54	Boston Brace International, Inc.
55	Ohio Willow Wood Co.
56	Becker Orthopedic
57	PMT Corporation
58	Southern Prosthetic Supply, Inc.
59	Bulldog Tools, Inc.

Exhibitors (alphabetically)

17	ACOR - Sole Defense
2	Advanced O&P Solutions
23	Aetrex Worldwide, Inc.
43	Aircast, LLC.
42	ALPS South Corporation
25	Amputee Coalition of America
38	Anatomical Concepts, Inc.
56	Becker Orthopedic
52	Bionix Prosthetic Solutions
54	Boston Brace International, Inc.
19	BSN Medical, Inc.
59	Bulldog Tools, Inc.
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50	Comfort Rite/Sequoia
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53	Freeman Manufacturing Company
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1	M.A.S.S., Inc.
39	MEDI USA, LP
13	O & P Enterprises, Inc.
55	Ohio Willow Wood Co.
28	OPTEC, Inc.
18	Orthomerica Products, Inc.
11	Orthopedic Products Sales
9	ÖSSUR
29	OSTEO Solutions, LLC
46	OTS Corporation
4	Otto Bock Health Care
37	Pel Supply Company
57	PMT Corporation
14	Professional Products, Inc.
5	Prosthetic Design, Inc. (PDI)
20	Restorative Care of America, Inc.
33	Royal Knit, Inc.
41	Runlite USA, LLC
26	Silipos, Inc.
58	Southern Prosthetic Supply, Inc.
47	Spinal Solutions, Inc.
51	Spinal Technology, Inc.
15	TEKSCAN, INC.
31	The Fillauer Companies, Inc.
24	TiMed, Inc.
30	Townsend Design/DeGroff Orthopedic Supplies
49	UCO International
40	WBC Industries Inc.

Exhibitors

ACOR - Sole Defense

18530 South Miles Parkway
Cleveland, OH 44128
Phone: 216/662-4500, Ext. 130
Fax: 216/662-4547
Toll-Free: 800/237-2267
E-mail: cwurts@acor.com
Web Address: www.acor.com

Description

For over thirty years ACOR has produced quality comfort footwear products. We manufacture custom footwear, thermo-adjustable footwear, sandals and gauntlets, custom and pre-fabricated orthotics, and a full line of fabricating materials. ACOR's latest innovation is the use of X-Static® in our product lines. X-Static® is a silver fiber that is scientifically proven to kill 99% of bacteria. X-Static® also binds with the denatured proteins from the destroyed bacteria, which reduces odor. This new technology is sure to set the standard for foot care. **All** ACOR stock shoes are now lined with X-Static®. And it is also available in our custom shoes and a variety of sheet products!

Advanced O&P Solutions

8647 W. 95th St.
Hickory Hills, IL 60457
Phone: 866/914-2677
Fax: 708/398-2857
Toll-Free: 866/914-2677
E-mail: mangelico@aopsolutions.com
Web Address: www.aopsolutions.com

Description

Advanced O&P Solutions is an affiliate of Scheck & Siress Advanced Orthotics and Prosthetics, which has more than 50 years of service. The mission of Advanced O&P Solutions is to provide technical O&P fabrication services, training and support to clinical O&P and CPED practices throughout the nation. Our staff includes certified prosthetists, certified orthotists, more than 25 full-time O&P technicians and a complete administrative staff dedicated to quality fabrication and services.

Advanced O&P Solutions is the distributor of Gaitrite. Gaitrite is a tool for real time clinical gait analysis.

We are located in an 18,000 sq.ft., state-of-the-art facility in Hickory Hills, Illinois.

Aetrex Worldwide, Inc.

414 Alfred Avenue
Teaneck, NJ 07666
Phone: 610/272-8717
Fax: 610/272-8600
Toll-Free: 800/831-2739
E-mail: jgenovese@foot.com
Web Address: www.foot.com

Description

Aetrex™ Worldwide, Inc. (formerly Apex Foot Health Industries) has been a leader in the foot care and footwear industry for over 50 years. Aetrex's trusted product lines include Aetrex Performance Footwear, Ariya™ Footwear, Ambulator® Footwear, Lynco® Biomechanical Foot Orthotics, Anti-Shox® High Performance Footcare, iStep® F.I.T. (computerized foot analysis system), Apex® Orthotic Materials, and Apex Thermoorthotics™. Aetrex brings to market products and technologies that enable you to live life your way, pursuing your favorite activities, avoiding unnecessary setbacks, and overcoming challenges whenever possible.

Aircast, LLC.

92 River Road
Summit, New Jersey 07901
Phone: 908/273-6349
Fax: 908/598-1647
Toll-Free: 800/526-8785
E-mail: kimt@aircast.com
Web Address: www.aircast.com

Description

Aircast® products provide a dynamic system for the functional management of wound and musculoskeletal injuries. The Mayo Clinic Elbow Brace, featuring an innovative control knob and adjustable hinge, provides exceptional stability and comfort while allowing for immobilization, static stretch or free motion option of the elbow.

The Air-Limb™ is a prosthetic device used after amputation. Its adjustable protective shell comes in one universal size for off-the-shelf convenience, provides easy access for wound inspection, has an extra-wide opening, and accommodates edema changes, dressing reductions and bulbous limbs.

ALPS South Corporation

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St. Petersburg, FL 33714
Phone: 727/528-8566, Ext. 326
Fax: 727/528-8862
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Web Address: www.easyliner.com

Amputee Coalition of America

900 E. Hill Ave.
Suite 285
Knoxville, TN 37915
Phone: 865/524-0591, Ext. 8117
Fax: 865/525-7917
E-mail: vfoster@amputee-coalition.org

Anatomical Concepts, Inc.

493 Bev Road, Bldg. #4
Boardman, OH 44512
Phone: 330/758-3888
Fax: 330/758-1760
Toll-Free: 800/837-3888
E-mail: mpbprafo@aol.com
Web Address: www.PRAFO.com

Description

Anatomical Concepts, Inc. is the manufacturer of quality custom-fit and custom-made orthoses. These orthoses are highlighted by the ever popular PRAFO® orthoses family of custom-fit AFO's, which includes the PRAFO® orthosis, APU orthosis, DDA orthosis, EV orthosis, Dual Action orthosis and the PKA orthosis. These orthoses are available in adult, pediatric and infant sizes. Anatomical Concepts, Inc. also offers the new custom-fit KMO® (Knee Management Orthosis) in adult and also pediatric sizes. The latest addition to our offering is the all-new custom-made V-VAS™. This varum-valgum adjustable stress custom offloading knee orthosis will help all of your OA patient's needs.

Becker Orthopedic

635 Executive Drive
Troy, MI 48083
Phone: 248/588-7480
Fax: 248/588-2960
Toll-Free: 800/521-2192
E-mail: kbmushovic@beckerorthopedic.net
Web Address: www.beckerorthopedic.com

Bionix Prosthetic Solutions

5154 Enterprise Blvd.
Toledo, OH 43612
Phone: 866/469-5600
Fax: 866/469-5601
E-mail: jvehslage@bionix.com
Web Address: www.bionix.com

Boston Brace International, Inc.

20 Ledin Drive
Avon, MA 02322
Phone: 508/588-6060
Fax: 508/588-8119
Toll-Free: 800/262-2235
E-mail: lboisjolie@bostonbrace.com
Web Address: www.bostonbrace.com

Description

Boston Brace International, Inc. (BBI) designs and manufactures medical and sports bracing products for prevention, rehabilitation, and correction. BBI has grown to be a leading producer of custom and stock thermoplastic spinal bracing products in the world. Manufacturing facilities in Avon, Massachusetts and Memphis, Tennessee provide timely cost-effective solutions for all your bracing needs.

BSN Medical, Inc.

5825 Carnegie Blvd.
Charlotte, NC 28209
Phone: 704/331-0600
Fax: 704/331-8785
Web Address: www.bsnmedical.com

Bulldog Tools, Inc.

4140 State Rt. 40 East
Lewisburg, Ohio 45338
Phone: 937/962-4140
Fax: 937/962-4160
Toll-Free: 877/962-0205
E-mail: mmeyer@bulldogtools.com
Web Address: www.bulldogtools.com

Cailor Fleming & Associates, Inc.

PO Box 3989
Youngstown, OH 44513
Phone: 330/782-8068
Fax: 330/782-0458
E-mail: dfoley@cailorfleming.com
Web Address: www.cailorfleming.com

CAMP Healthcare

2010 E. High Street
Jackson, MI 49203
Phone: 517/789-3209
Fax: 800/245-3765
Toll-Free: 800/788-2267
E-mail: education@camphealthcare.com
Web Address: www.camphealthcare.com

Description

CAMP Healthcare focuses on the orthopedic, prosthetic and pressure relief market segments by providing technologically differentiated product solutions that meet the changing needs of healthcare consumers.

College Park Industries, Inc.

17505 Helro Drive
Fraser, MI 48026
Phone: 586/294-7950
Fax: 586/294-0067
E-mail: angela@college-park.com
Web Address: www.college-park.com

Description

College Park Industries manufactures anatomically correct, customizable prosthetic foot/ankle systems for lower limb amputees of all ages and activity levels.

The *College Park TruStep® Foot* restores a more natural gait and enhanced physical capacity to community ambulators as well as sports enthusiasts.

The *College Park TruPer® Foot* is the first and only Multi-Axial, Dynamic Response foot made just for kids.

The *New College Park Venture™ Foot* successfully integrates high performance function with a customizable design that is comfortable to wear everyday.

The *College Park Tribute™ Foot* offers a valuable solution for individuals with low to moderate activity levels to enjoy the mobility they need for the freedom they desire.

Comfort Products, Inc.

705 Linton Avenue
Croydon, PA 19021
Phone: 215/781-0300
Fax: 215/785-5737
Toll-Free: 800/822-7500
E-mail: frebern@aol.com
Web Address: www.comfortoandp.com

Comfort Rite/Sequoia

PO Box 160
1828 Park Avenue
New Holstein, WI 53061
Phone: 920/898-1919
Fax: 920/898-4605
Toll-Free: 800/898-5556
E-mail: rmarq4477@aol.com

Coyote Designs

2513 Federal Way, Suite 106
Boise, Idaho 83705
Phone: 208/429-0026
Fax: 208/429-0028
Toll-Free: 800/819-5980
E-mail: perk@coyotedesign.com
Web Address: www.coyotedesign.com

Description

Coyote Design features a number of innovative products used to help with the fit and fabrication of prosthetics, including the first airtight lock, the first lock to require zero clearance, and a pediatric lock.

Custom Composite Mfg. Co.

170 Macklin St.
Cranston, RI 02920
Phone: 401/275-2230
Fax: 401/275-4901
Toll-Free: 866/273-2230
E-mail: info@cc-mfg.com
Web Address: www.cc-mfg.com

Description

Primary Product: Custom Made Composite AFO's

A custom-made composite AFO is an appealing alternative to an off-the-shelf AFO and has a lot to offer, to both the patient and the practitioner alike. For the patient, a custom made AFO offers greater comfort and an increase in the function of the brace, adding to the quality of their life. For the practitioner, it reduces the fitting time and modifications that an off-the-shelf AFO may require. Whether it's a lightweight, dynamic energy return or extremely rigid ones, consider the value and the benefits of a custom made composite AFO.

DAW Industries, Inc

6610 Nancy Ridge Drive
San Diego, CA 92121
Phone: 858/622-4955
Fax: 858/457-5088
Toll-Free: 800/252-2828
E-mail: info@daw-usa.com
Web Address: www.daw-usa.com

Description

DAW presents a sizzling array of NEW and unique solutions. The **SLK Knee**, intelligence at the speed of light, with "BLANK SLATE" technology. The **Cool Liner** and **GEL Suspension Sleeve** provides unmatched comfort and business growth opportunities. The comfort and durability of the **CINCH**, **Perspiration Free Non-Compressive BK Suspension** put it in a league by itself. The New and Improved **Removable DAWSkin**. Come see the unveiling of our latest advancements so unique you'll have to tell your friends.

Elite Orthotics, Inc.

705 West Beaver St.
Zelienople, PA 16063
Phone: 724/452-5529
Fax: 724/452-5530
Toll-Free: 877/922-8225

Endolite North America, Ltd.

105 Westpark Road
Centerville, OH 45459
Phone: 937/291-3636
Fax: 800/9293636
Toll-Free: 800/548-3534
E-mail: sueb@endolite.com
Web Address: www.endolite.com

Engineered Silicone Products

75 Mill Street
Newton, NJ 07860
Phone: 973/300-5120
Fax: 973/300-5125
Toll-Free: 888/932-7377
E-mail: lynn@wearesp.com
Web Address: www.wearesp.com

Freedom Innovations, Inc.

7 Studebaker
Irvine, CA 92618
Fax: 949/672-0084
Toll-Free: 888/818-6777
E-mail: meilbeck@freedom-innovations.com
Web Address: www.freedom-innovations.com

Description

Freedom Innovations is an advanced technology prosthetics company, creating a revolution in motion as a global innovator and leader in evolving prosthetics. Merging extensive experience in composite design and prosthetic development with the industry's most innovative technologies, Freedom Innovations provides the industry's highest quality, top performing products for amputees worldwide.

Freeman Manufacturing Company

900 W. Chicago Road
Sturgis, MI 49091
Phone: 269/651-2371
Fax: 269/651-8248
Toll-Free: 800/253-2091
E-mail: jhagner@freemanmfg.com
Web Address: www.freemanmfg.com

Friddle's Orthopedic Appliances, Inc.

PO Box 207
12306 Belton-Honea Path Highway
Honea Path, SC 29654
Phone: 864/369-2328
Fax: 864/369-1149
Toll-Free: 800/528-9339
E-mail: mjohnson@friddles.com
Web Address: www.friddles.com

Futura International, Inc.

22051 US Hwy 19N
Clearwater, FL 33765
Phone: 727/791-3332
Fax: 727/726-7164
E-mail: info@futuraintl.com
Web Address: www.futuraintl.com

Description

If you work in the O&P industry, you need to find out how Futura International's state-of-the-art, user-friendly, Windows-based, software package can power up any O&P business. Futura's OPS application automates and streamlines every office task imaginable; from receivables and payables to inventory management to job tracking to document scanning, and more. Futura also offers QuickBooks integration as well as wireless and handheld capabilities. To be sure. ALL of this is

done with HIPAA compliant, PHI conscious environment. And, don't forget to ask about Futura's HIPAA Consulting Service — Helping to make sure EVERYONE is ready for HIPAA compliance.

HOPE Orthopedic

1307 E. Landstreet Rd.
Orlando, FL 32824
Phone: 407/850-0411
Fax: 407/851-8922
Toll-Free: 800/613-8852
E-mail: custserv@statfab.com
Web Address: www.hopeorthopedic.com

Description

HOPE Orthopedic (previously StatFab) offers a full line of spinal orthoses: 1) the OrthoLux™ - a soft spinal orthosis with molded rigid inserts; 2) the HippO™ — an easy-to-fit universal hip abduction orthosis; 3) the Extender™ — an anterior sternal/pectoral extender suitable for use on a body jacket or OrthoLux; and 4) the ACE™ brace — our flagship patented hyperextension orthosis.

New products for 2005 include the VertaLux™ and SpinaLux™ as well as corsets, chair backs, and thermoplastic body jackets.

HOPE Orthopedic has become known for its prompt and courteous customer service: orders placed by 8 PM EST will ship the same day!

Ask about HOPE's famous HippO Never-Out™ program — a low-cost plan that allows you to say to your referring physician, "Doc, I'll never be out!"

Jim Smith Sales, Inc.

PO Box 1507
Laurie, MO 65038
Phone: 573/374-1550
Fax: 573/374-1239
Toll-Free: 800/826-2334
E-mail: cfinley@jimsmithsales.com
Web Address: www.jimsmithsales.com

Keeping Pace, Inc.

14 Fuller St.
Gloucester, MA 01907
Phone: 978/526-0020
Fax: 978/526-0025
Toll-Free: 888/526-0020
E-mail: hpaster@keepingpace.com
Web Address: www.keepingpace.com

Description

Keeping Pace is a company committed to designing the finest quality of stylish products for children with adaptive footwear

needs. Our shoe distinctly offers unparalleled extra depth and width in both the toe and heel box. Built into our unique mid-sole is a visible cut-line designed to facilitate the modification process. As parents and founders, we are striving towards making a difference. We support research which will enhance the lives of children with disabilities by donating portions of our proceeds.

Knit-Rite, Inc.

120 Osage Avenue
PO Box 3900
Kansas City, KS 66103-0900
Phone: 913/281-4600
Fax: 913/281-5455
Toll-Free: 800/821-3094
E-mail: lchubick@knitrite.com
Web Address: www.knitrite.com

M.A.S.S., Inc.

PO Box 132
Clayton, OH 45315
Phone: 937/760-4874
Fax: 937/836-0242
E-mail: sheinrichs@aol.com
Web Address: www.massstrap.com

Description

MASS Rehab is operated by Steve Heinrichs, MS, and Kurt Jackson, PhD., MPT, CGS.

The company offers a verity of products and services in the field of Physical Therapy and client care.

Our harness systems have been used now for 10 years for client positioning, gait training and safety of client and therapist. The second generation of harnesses and related products will be featured at this years Spring AAOP Technical Meeting.

MEDI USA, LP

6481 Franz Warner Parkway
Whitsett, NC 27377
Phone: 336/449-4440
Fax: 336/449-1138
E-mail: tammyl@mediusa.com
Web Address: www.mediusa.com

Description

Medi-USA, located in North Carolina, now carries our German prosthetics line of knees, liners, shrinkers and pylon systems in the U.S. With an 11-year history in the industry, Medi has a proven track record of providing innovative quality product. **Medi's newest breakthrough targets phantom pain and sensation, which affects over 70% of amputees.** This revolutionary silicone liner, called the RELAX, has demon-

strated an 83% effectiveness rate in patient trials and has a history of success in Europe already. Be sure to visit the Medi booth for more information on the RELAX and all of Medi's exceptional products.

O & P Enterprises, Inc.

3989 Grove Ave.
Gurnee, IL 60031
Phone: 847/662-9913
Fax: 847/662-9931
Toll-Free: 800/666-0356
E-mail: opent@aol.com
Web Address: www.oandpenterprises.com

Description

O&P Enterprises provides superior quality thermoplastics to the O&P industry, using all virgin resin. Additionally, we stock prosthetic components, porolated and non-porolated foam, PVA bags, "The Plaster Trap", saw repair service, cast saw blades, OPE vise, vacuum pumps, and routers, as well as other tools, equipment and supplies used in O&P fabrication labs.

Our staff can also provide technical assistance and support to our customers. We invite you to stop by our table to see products fabricated from our outstanding materials.

Ohio Willow Wood Co.

15441 Scioto Darby Road
Mt. Sterling, OH 43143
Phone: 740/869-3377
Fax: 740/869-4374
Toll-Free: 800/848-4930
E-mail: tamib@owwco.com
Web Address: www.owwco.com

Description

Ohio Willow Wood is an innovative leader in the manufacturing of prosthetic products, including feet, knees, liners, and componentry for adults and pediatrics. The company is dedicated to helping amputees "free the body...free the spirit" worldwide. Ohio Willow Wood offers the Alpha® family of liners whose newest addition, the DESIGN Liner, is a custom liner where practitioners design the gel pattern on the inside of the liner. Taking practitioners to tomorrow is Ohio Willow Wood's OMEGA™ Tracer CAD system, the acknowledged CAD leader in the industry. OMEGA Tracer allows practitioners to manage their patient loads more efficiently and effectively.

OPTEC, Inc.

975 Progress Circle
Lawrenceville, GA 30043
Phone: 770/513-7380
Fax: 770/513-4365
Toll-Free: 888/982-8181
E-mail: opteccorp@aol.com
Web Address: www.opteccorp.com

Description

The Revolutionary TLC² Auto Hip Abduction Management System provides your patients with unsurpassed comfort, functionality and control. The TLC² has an adjustable posterior panel in both the pelvic band and thigh cuff and adjusts for hip development and changes in circumference. Standard features include multiple distal stay lengths to ensure ideal joint positioning and the ATM Joint which automatically abducts 20 degrees and rotates 7 degrees when sitting and promotes normal ambulation and standing. The TLC² provides your patients with unsurpassed comfort, functionality, control and is available in prefabricated stock sizes S-XL. For more information or to place an order, please contact OPTEC toll free at 1-888-982-8181.

Orthomerica Products, Inc.

6333 N. Orange Blossom Tr., Suite 220
Orlando, FL 32810
Phone: 407/290-6592
Fax: 800/638-9259
Toll-Free: 800/446-6770
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Web Address: www.orthomerica.com

Orthopedic Products Sales

2047 Trade Center Way
Naples, FL 34019
Phone: 239/594-5777
Fax: 239/594-5666
Toll-Free: 800/992-9999
E-mail: timflanagan@ops-usa.com
Web Address: www.ops-usa.com

ÖSSUR

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Aliso Viejo, CA 92656
Phone: 949/362-3883
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E-mail: jschneider@ossur.com
Web Address: www.ossur.com

OSTEO Solutions, LLC

1755 Northwest Blvd.
Columbus, OH 43212
Phone: 614/485-9790
Fax: 614/485-9792
Toll-Free: 800/901-9969
E-mail: osteosolutions@aol.com

OTS Corporation

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Weaverville, NC 28787
Phone: 828/658-8330
Fax: 828/658-8363
Toll-Free: 800/221-4769
E-mail: info@ots-corp.com
Web Address: www.ots-corp.com

Description

Founded in 1978 by Tim Pansiera, CO, OTS is one of the most respected central fabrication labs in the country. Offering the full range of orthotic fabrication solutions, OTS has the skill and experience to serve the most demanding orthotists.

Well known the world over for the StepLock, an ingenious ratchet action knee joint, OTS manufactures a complete line of unique orthotic components. The InterLock is the most versatile knee joint on the market and the Integrated Ankle is one third the weight of traditional steel while addressing every level of functionality and limitation.

OTS is also the designer and manufacturer of the PDQ Infrared Oven, now synonymous with speed and accuracy. With nine models in stock, there is a model for every practice”

Otto Bock Health Care

Two Carlson Parkway N., Suite 100
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Toll-Free: 800/328-4058
E-mail: karen.peters@ottobockus.com
Web Address: www.ottobockus.com

Description

Otto Bock Health Care began with a simple vision: to maintain and restore human independence. Starting with a modular prosthetics system in 1919, Otto Bock has always been at the forefront of health care innovation, continuously establishing world standards for prosthetics. Now in our ninth decade, we've grown to over 3,000 employees worldwide, and are proud to have created exciting healthcare solutions in the areas of adult and pediatric mobility, medical soft goods, custom and off-the-shelf orthotics, bath safety and custom silicone products.

Pel Supply Company

4666 Manufacturing Road
Cleveland, OH 44135
Phone: 216/267-5775
Fax: 216/267-6176
Toll-Free: 800/321-1264
E-mail: stroyan@pelsupply.com
Web Address: www.pelsupply.com

PMT Corporation

1500 Park Road
Chanhassen, MN 55137
Phone: 952/470-0866
Fax: 952/470-0865
Toll-Free: 800/626-5463
E-mail: info@pmtcorp.com
Web Address: www.pmtcorp.com

Description

PMT® Corporation is the premier supplier of custom neck and back bracing products. The PMT Cervmax™ Collar is a comfortable cervical orthosis collar that provides maximum stabilization for the patient. The PMT Halo System has been developed to provide doctors and orthotists with safe and easy application procedures. Extra-large to pediatric vest sizes are available to fit virtually any body type. The ILSO/ITLSO back braces consist of semi-rigid anterior shell made of polyethylene, a rigid posterior shell made from copolymer and a unique positionable airbag. PMT can ship custom product within 24-48 hours or receipt of measurements. Our nationwide direct sales force is available 24 hours a day to assist you in meeting your specific patient's needs.

Professional Products, Inc.

54 Hugh Adams Drive
DeFuniak Springs, FL 32435
Phone: 850/892-5731
Fax: 850/892-5990
Toll-Free: 800/274-9005
E-mail: jaraneo@ezywrap.com
Web Address: www.ezywrap.com

Description

Professional Products, Inc. has been the premier designer and manufacturer of orthopedic soft goods and exoskeletal bracing for over 38 years, providing products to major national healthcare organizations, individual clinics and export distributors in 41 countries worldwide. Professional Products, Inc.'s advantages include production efficiencies that translate to competitive pricing and quick delivery with sufficient diversity to deliver your choice of design and style. Additional services include customized outcomes data and personnel

education modules. All of our products are designed to ensure superior quality, easy application, excellent support, patient comfort, durability, and lasting reliability.

Prosthetic Design, Inc. (PDI)

700 Harco Drive
Clayton, OH 45315
Phone: 937/836-1464
Fax: 937/832-5361
Toll-Free: 800/459-0177
E-mail: rcobb@prostheticdesign.com
Web Address: www.prostheticdesign.com

Restorative Care of America, Inc.

12221 33rd Street N.
St. Petersburg, FL 33716
Phone: 727/573-1595
Fax: 727/573-1886
Toll-Free: 800/627-1595
E-mail: ask@rcai.com
Web Address: www.rcai.com

Description

Restorative Care of America, Incorporated manufactures orthopedic braces for the upper and lower extremities. Product

line includes fracture management braces and neoprene supports following injury or post surgical conditions.

Royal Knit, Inc.

26011 East Colbern Road
Lee's Summit, MO 64086
Fax: 800/934-5648
Toll-Free: 800/664-5648
Web Address: www.royalknit.com

Runlite USA, LLC

34 Valley Road
Rockaway, NJ 07866-4308
Phone: 973/983-6000
Fax: 973/664-1782
Toll-Free: 888/678-6548
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E-mail: brij@silipos.com
Web Address: www.silipos.com

Southern Prosthetic Supply, Inc.

PO Box 406
Alpharetta, GA 30009
Fax: 800/779-4932
Toll-Free: 800/767-7776
E-mail: cwithers@spsco.com
Web Address: www.spsco.com

Spinal Solutions, Inc.

1971 Old Covington Road, Suite 103
Conyers, GA 30013
Phone: 770/922-2434
Fax: 800/813-8139
Toll-Free: 800/922-5155
Web Address: www.spinalsolution.net

Description

From custom spinal to state of the art composite products, Spinal Solutions is your one source central fab. Specializing in custom and prefabricated spinal products since 1995, Spinal Solutions product line has evolved into a wide range including hip, ankle – foot, upper and lower extremity orthotics. Services include “Round the clock”, 24/7/365 fabrication availability, same day service, “After hours service”, Sunday service, “Free Shipping”, “Frequent Buyer Program”, “Indigent Patient Policy”, and much, much, more. We’re your friendly, hometown central fab that will strive relentlessly to exceed your expectations.

Spinal Technology, Inc.

191 Mid Tech Drive
West Yarmouth, MA 02673
Phone: 508/775-0990
Fax: 888/775-0588
Toll-Free: 800/253-7868
E-mail: info@spinaltech.com
Web Address: www.spinaltech.com

Description

Spinal Technology, Inc. is a national leader in the production of custom spinal orthoses.

With a team of experienced technicians and certified orthotists, Spinal Technology is uniquely poised to provide the highest quality spinal orthoses, fastest delivery time and unparalleled customer support in the industry. Spinal

Technology is the exclusive manufacturer of the Providence Scoliosis System, a nocturnal bracing system designed to prevent the progression of adolescent idiopathic scoliosis and the patented Flex Foam design spinal orthoses, a soft inner foam with a rigid outer frame for the desired support.

TEKSCAN, INC.

307 West First Street
South Boston, MA 02127-1342
Phone: 617/464-4500, Ext. 617
Fax: 617/464-4266
Toll-Free: 800/248-3669
E-mail: lchin@tekscan.com
Web Address: www.tekscan.com

Description

Tekscan, Inc. manufactures a broad range of pressure assessment and clinical/research evaluation tools for use in orthotics, brace evaluations, joint biomechanics, and gait analysis. Our F-Scan® system provides bipedal plantar pressures using ultra-thin, flexible, high-resolution pressure sensors, which are placed inside the patient’s shoes. The *F-Scan* enhances your ability to evaluate, substantiate and document your diagnosis. The system is an incredibly valuable tool for providing quantitative information; it is instrumental in preventative care. Whether your application is to evaluate the efficacy of an orthotic or a cushion on a wheelchair, Tekscan has a product to suit your needs.

The Fillauer Companies, Inc.

PO Box 5189
Chattanooga, TN 37406
Phone: 423/624-0946
Fax: 423/629-7936
Toll-Free: 800/251-6398
E-mail: fjenkins@fillauer.com
Web Address: www.fillauer.com

TiMed, Inc.

381 Van Ness Ave.
Torrance, CA 90501
Phone: 310/212-1232
Fax: 310/212-1236
Toll-Free: 800/805-3348
E-mail: info_timed@hotmail.com
Web Address: www.ti-med.com

Description

TiMed has been in existence for three years. We specialize in high end titanium prosthetic components that are three-dimensionally formed. This forming offers us a product that is fatigue-resistant and extremely strong. Our company was the first to bring out the first BK system that can take up to 500 lbs. because of this. We also offer stainless steel and aluminum

components that are 3D formed. Our aluminum is rated to 220 lbs. and our stainless is rated to 250 lbs.

Last year we brought out a titanium shuttle lock system rated up to 325 lbs. We also brought out an off-set tube clamp, off-set by 5mm, rated for 300 lbs. This piece gives the practitioners another option for off-setting.

We are looking forward to bringing out some more new products this year that we hope will be an asset to the practitioner's community.

Townsend Design/ DeGroff Orthopedic Supplies

9776 Bonnie Briar
White Lake, MI 48386
Phone: 248/330-7728
E-mail: debroffortho@aol.com

UCO International

225 Larkin Drive, Unit 3
Wheeling, IL 60090
Phone: 847/541-4030
Fax: 847/541-4144
Toll-Free: 800/541-4030
E-mail: uco@ucointernational.com
Web Address: www.ucointernational.com

WBC Industries Inc.

625 Central Avenue
Westfield, NJ 07090
Phone: 908/789-1234
Fax: 908/232-5219
Toll-Free: 800/818-2932
E-mail: matt@wbcindustries.com
Web Address: www.wbcindustries.com

Description

WBC is one of the leading distributors of Hook and Loop Fasteners, including Velcro Brand Fasteners and Aplix Self Gripping Fasteners. We also carry our own economically priced WBC Brand Hook and Loop. We have a complete line of Webbing and Plastic & Metal Hardware. What makes WBC unique is that we also have a large, full-service Custom Fabrication & Assembly facility - we can obtain the raw goods and fabricate to your exact specifications. WBC is also a distributor for Silipos, Rx Textiles, SPT and Waterhouse Leather.

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